

CONTRACT REQUESTS FORM (CRF)

CEC-94 (Revised 5/11)

CALIFORNIA ENERGY COMMISSION



☐ New Contract _____ ☒ Amendment to Existing Contract: 500-08-061 Amendment Number: 1

Division	Contract Manager:	MS-	Phone	CM Training Date
Energy Research and Development	Marla Mueller	43	916-327-1716	8/19/2002

Contractor's Legal Name	Federal ID Number
DOE- Lawrence Berkeley National Laboratory	94-2951741

Title of Project
Residential Energy Savings from Air-tightness and Ventilation Excellence

Term	Start Date	End Date	Amount
New/Original Contract	6/30/2009	12/31/2011	\$ 1,688,155

Line up the Amendment information as best as possible within the following table.

Amendment #	End Date (mm/dd/yy)	Amount
Amendment 1	3/29/2013	\$0

Business Meeting Information			
Proposed Business Meeting Date	10/19/2011	<input checked="" type="checkbox"/> Consent	<input type="checkbox"/> Discussion
Business Meeting Presenter	Marla Mueller	Time Needed:	minutes

Agenda Item Subject and Description
Possible approval of Amendment 1 to Contract 500-08-061 with Lawrence Berkeley National Laboratory for a 15-month no-cost time extension to March 29, 2013 and rescoping of one task to study mechanical ventilation to provide information needed by the Commission's buildings standards group. Contact: Marla Mueller.

Business Meeting approval is not required for the following types of contracts: *Executive Director's signature is required in all cases.*

- ☐ Contracts less than \$10k (*Policy Committee's signature is also required*)
- ☐ Amendment for a no-cost time extension. Must be first extension, less than one year and original contract less than \$100k.
- ☐ Contracts less than \$25k for Expert Witness in Energy Facility licensing cases and amendments.

Purpose of Contract or Purpose of Amendment, if applicable
Currently, the California Building Code requires new homes in California to meet ASHRAE Standard 62.2-2007 for residential ventilation. This standard does not address energy efficiency of ventilation, problems with uncontrolled air infiltration, or ventilation load shifting, but it does allow alternative ventilation approaches if they can be shown to be equivalent in performance. A key objective of this research is to develop such alternatives that result in equal or better indoor air quality at substantially reduced energy cost. Under a "Build tight, ventilate right" philosophy, LBNL's Dr. Max Sherman is leading a team to evaluate and facilitate improvements to building envelopes and to construction materials, furnishings, and household substances that are sources of indoor contaminants; to examine both local exhaust fans and whole-house ventilation for energy-saving opportunities; to develop methods for commissioning residential exhaust fans, economizers, and other ventilation equipment; to create guidelines for retrofitting homes for air-tightness and related measures; and to lead an effort to integrate the resulting knowledge into codes and standards, both statewide and nationally.

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**California Environmental Quality Act (CEQA) Compliance**

1. Is Contract considered a "Project" under CEQA?

☐ Yes: skip to question 2☒ No: complete the following (PRC 21065 and 14 CCR 15378):

Explain why contract is not considered a "Project":

Contract will not cause direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment because it involves mostly computer-based modeling and literature searches and preparing action plans.

2. If contract is considered a "Project" under CEQA:

☐ a) Contract **IS** exempt. (Draft NOE required)☐ Statutory Exemption. List PRC and/or CCR section number: _____☐ Categorical Exemption. List CCR section number: _____☐ Common Sense Exemption. 14 CCR 15061 (b) (3)

Explain reason why contract is exempt under the above section:

☐ b) Contract **IS NOT** exempt. The Contract Manager needs to consult with the Energy Commission attorney assigned to their division and the Siting Office regarding a possible Initial Study.

Budgets Information

Contract Amount Funded		Breakdown by FY			Funding Sources			
Funding Source	Amount	FY	Amount	Approved?	Funding Source	FY	Budget List No.	Amount
ARFVTF	\$		\$					\$
ECAA	\$		\$					\$
State- ERPA	\$		\$					\$
Federal	\$		\$					\$
PIER - E	\$		\$					\$
PIER - NG	\$		\$					\$
Reimbursement	\$		\$					\$
Other	\$		\$					\$
TOTAL:	\$0	TOTAL:	\$0		TOTAL:			\$0
Reimbursement Contract #:					Federal Agreement			

Contractor's Administrator/ Officer

Name: Betsy Quayle
 Address: 1 Cyclotron Rd # 90R2000
 City, State, Zip: Berkeley, CA 94720-2000
 Phone/ Fax: 510-486-7391 / 510-486-4673
 E-Mail: bequayle@lbl.gov

Contractor's Project Manager

Name: Max Sherman
 Address: 1 Cyclotron Rd, MS 90-3083
 City, State, Zip: Berkeley, CA 94720-8132
 Phone/ Fax: 510-486-4022 / 510-486-6658
 E-Mail: mhsherman@lbl.gov

Contractor Is☐ Private Company (including non-profits)☐ CA State Agency (including UC and CSU)☒ Government Entity (i.e. city, county, federal government, air/water/school district, joint power authorities, university from another state)**Selection Process Used**☐ Solicitation _____ Solicitation #: _____ # of Bids: _____ Low Bid? ☐ No ☐ Yes☐ Non Competitive Bid (Attach CEC 96)☒ Exempt Other Government Entity**Civil Service Considerations**☐ Not Applicable (Contract is with a CA State Entity or a membership/co-sponsorship)☒ Public Resources Code 25620, et seq., authorizes the Commission to contract for the subject work. (PIER)

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- ☐ The Services Contracted:
- ☐ are not available within civil service
 - ☐ cannot be performed satisfactorily by civil service employees
 - ☐ are of such a highly specialized or technical nature that the expert knowledge, expertise, and ability are not available through the civil service system.
- ☐ The Services are of such an:
- ☐ urgent
 - ☐ temporary, or
 - ☐ occasional nature
- that the delay to implement under civil service would frustrate their very purpose.

Justification:

Public Resources Code 25620, et seq., authorizes the Commission to contract for the subject work. (PIER)

Payment Method

- ☐ A. Reimbursement in arrears based on:
- ☐ Itemized Monthly
 - ☐ Itemized Quarterly
 - ☐ Flat Rate
 - ☐ One-time
- ☒ B. Advanced Payment
- ☐ C. Other, explain:

Retention

1. Is contract subject to retention? ☒ No ☐ Yes
- If Yes, Do you plan to release retention prior to contract termination? ☒ No ☐ Yes

Justification of Rates

The contract price is reasonable, particularly considering the facility provided by the contract terms. The research will be conducted by a national laboratory; salaries and wages are in accordance with costing practice for all Department of Energy programs.

Disabled Veteran Business Enterprise Program (DVBE)

1. ☒ Not Applicable
2. ☐ Meets DVBE Requirements DVBE Amount:\$ _____ DVBE %: _____
- ☐ Contractor is Certified DVBE
 - ☐ Contractor is Subcontracting with a DVBE: _____
3. ☐ Requesting DVBE Exemption (attach CEC 95) _____

Is Contractor a certified Small Business (SB), Micro Business (MB) or DVBE?

- ☒ No ☐ Yes
- If yes, check appropriate box: ☐ SB ☐ MB ☐ DVBE

Is Contractor subcontracting any services?

- ☐ No ☒ Yes
- If yes, give company name and identify if they are a Small Business (SB), Micro Business (MB) and/or DVBE:
- | | | | | |
|----------------------------------|--|-----------------------------|-----------------------------|-------------------------------|
| Indoor Environmental Engineering | <input checked="" type="checkbox"/> No | <input type="checkbox"/> SB | <input type="checkbox"/> MB | <input type="checkbox"/> DVBE |
| Stevens and Associates | <input checked="" type="checkbox"/> No | <input type="checkbox"/> SB | <input type="checkbox"/> MB | <input type="checkbox"/> DVBE |

Miscellaneous Contract Information

1. Will there be Work Authorizations? ☒ No ☐ Yes
2. Is the Contractor providing confidential information? ☒ No ☐ Yes
3. Is the contractor going to purchase equipment? ☒ No ☐ Yes
4. Check frequency of progress reports
- ☒ Monthly
 - ☐ Quarterly
 - ☐ _____
5. Will a final report be required? ☐ No ☒ Yes
6. Is the contract, with amendments, longer than a year? If yes, why? ☐ No ☒ Yes

The Department of General Services has agreed to give the Commission blanket authority to execute multi-year contracts to support the Commission's RD&D Programs.

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**The following items should be attached to this CRF**

1. Scope of Work, Attach as Exhibit A.	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Attached
2. Budget Detail, Attach as Exhibit B.	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Attached
3. CEC 96, NCB Request	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Attached
4. CEC 30, Survey of Prior Work	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Attached
5. CEC 95, DVBE Exemption Request	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Attached
6. Draft CEQA Notice of Exemption (NOE)	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Attached
7. Resumes	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Attached
8. CEC 105, Questionnaire for Identifying Conflicts		<input checked="" type="checkbox"/> Attached
9. CEC 106, IT Component Reporting Form		<input checked="" type="checkbox"/> Attached

Contract Manager_____
Date_____
Office Manager_____
Date_____
Deputy Director_____
Date

The following signatures are only required when contract approval is delegated to the Executive Office and not approved at a Business Meeting.
See Business Meeting Information Section.

Presiding Policy Committee_____
Date_____
Associate Policy Committee_____
Date_____
Executive Director_____
Date